



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## BIB DATA SHEET

CONFIRMATION NO. 2801

SERIAL NUMBER	FILING or 371(c) DATE 01/12/2004 RULE	CLASS 375	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. 678-1233
---------------	--	--------------	------------------------	------------------------------------

## APPLICANTS

Jong-Ho Lee, Seoul, KOREA, REPUBLIC OF;  
 Jae-Hak Chung, Seoul, KOREA, REPUBLIC OF;  
 Chan-Soo Hwang, YongIn-shi, KOREA, REPUBLIC OF;  
 Seung-Hoon Nam, Seoul, KOREA, REPUBLIC OF;  
 Do-Young Kwak, Seoul, KOREA, REPUBLIC OF;  
 Jae-Choong Han, Suwon-shi, KOREA, REPUBLIC OF;  
 Seong-Cheol Kim, Seoul, KOREA, REPUBLIC OF;

## \*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 REPUBLIC OF KOREA 2003-25146 04/21/2003 *Ph yes*\*\* IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\*  
 04/15/2004

Foreign Priority claimed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY KOREA, REPUBLIC OF	SHEETS DRAWINGS 14	TOTAL CLAIMS 36	INDEPENDENT CLAIMS 4
35 USC 119(a-d) conditions met	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

Verified and /PANKAJ KUMAR/  
 Acknowledged Examiner's Signature

Initials

## ADDRESS

THE FARRELL LAW FIRM, P.C.  
 333 EARLE OVINGTON BOULEVARD  
 SUITE 701  
 UNIONDALE, NY 11553  
 UNITED STATES

## TITLE

Method and apparatus for estimating a signal sequence in a MIMO-OFDM mobile communication system

FILING FEE RECEIVED 1144	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit _____